

WHAT IS CLAIMED:

1. A dynamic remotely accessible medical record system comprising:
a multi-level access medical information database containing medical information
5 networked with one or more remote terminals, and optionally with one or more input
devices, wherein the multi-level access medical information database is updateable by
one or more users on a substantially continuous basis.
2. The dynamic remotely accessible medical record system of claim 1, further comprising a
10 home telemedicine terminal networked with the multi-level access medical information database.
3. The dynamic remotely accessible medical record system of claim 1, wherein the one or
more users includes patients, physicians, nurses and medical staff.
- 15 4. The dynamic remotely accessible medical record system of claim 1, wherein the
multilevel access medical information database includes a user authorization protocol.
5. The dynamic remotely accessible medical record system of claim 4, wherein the user
authorization protocol includes one or more basic levels of access and one or more higher levels
20 of access.
6. The dynamic remotely accessible medical record system of claim 5, wherein the basic
level of access provides a user with only information receiving access.
- 25 7. The dynamic remotely accessible medical record system of claim 5, wherein higher
levels of access are permitted to both receive the medical information and input updated medical
information.

8. The dynamic remotely accessible medical record system of claim 4, wherein the user authorization database comprises two or more datafields for receiving access information.

9. The dynamic remotely accessible medical record system of claim 1, wherein the multilevel access medical information database is networked by an intranet system, an extranet system, or combination thereof.

10. The dynamic remotely accessible medical record system of claim 1, wherein the one or more input devices are selected from the group consisting of medical devices, audio devices, video devices, and touch-key devices.

11. The dynamic remotely accessible medical record system of claim 10, wherein the medical devices include telephonic stethoscopes, EKG devices, rhythm strips, pulse oxymeters, weight sensing devices, scale devices, thermometers, spirometers, peak flow meters, blood glucose meters, prothrombine time devices, blood testing devices, and compliance devices.

12. The dynamic remotely accessible medical record system of claim 1, wherein the remote terminal comprises a data entry device and a data display device.

13. The dynamic remotely accessible medical record system of claim 12, wherein the data entry device is a keyboard or an audio capture system.

14. The dynamic remotely accessible medical record system of claim 12, wherein the data display device is a monitor or a printer or an audio broadcast device

15. The dynamic remotely accessible medical record system of claim 1, wherein the multi-level access medical information database further includes a patient diary database.

16. The dynamic remotely accessible medical record system of claim 1, wherein the multi-level access medical information database further includes a translation protocol system.

17. A dynamic remotely accessible medical record system comprising:

5 a multi-level access medical information databasing means for maintaining medical information, one or more means for remote information display, and optionally one or more means for information input, wherein the multi-level access medical information database means is updateable by one or more users on a substantially continuous basis.

10 18. The dynamic remotely accessible medical record system of claim 17, further comprising a home telemedicine terminal networked with the multi-level access medical information database means.

15 19. The dynamic remotely accessible medical record system of claim 17, wherein the one or more users includes patients, physicians, nurses and medical staff.

20 20. The dynamic remotely accessible medical record system of claim 17, wherein the multilevel access medical information database means includes a means for user authorization.

21. The dynamic remotely accessible medical record system of claim 20, wherein the means for user authorization comprises two or more datafields for receiving access information.

25 22. The dynamic remotely accessible medical record system of claim 20, wherein the means for user authorization provides one or more basic levels of access and one or more higher levels of access.

23. The dynamic remotely accessible medical record system of claim 22, wherein the basic level of access only permits a user to view the medical information.

24. The dynamic remotely accessible medical record system of claim 22, wherein higher levels of access are permitted to both view the medical information and update the medical information.

25. The dynamic remotely accessible medical record system of claim 17, wherein the multi-level access medical information databasing means, the one or more means for remote information display, and optionally the one or more means for information input are operably networked by an intranet system, extranet system, or combination thereof.

26. The dynamic remotely accessible medical record system of claim 17, wherein the one or more input means is selected from the group consisting of medical devices, audio devices, video devices, and touch-key devices.

27. The dynamic remotely accessible medical record system of claim 26, wherein the medical devices include telephonic stethoscopes, EKG devices, rhythm strips, pulse oxymeters, weight sensing devices, scale devices, thermometers, spirometers, peak flow meters, blood glucose meters, prothrombine time devices, blood testing devices, and compliance devices.

28. The dynamic remotely accessible medical record system of claim 17, wherein the remote information display means is a monitor or a printer or an audio broadcast device

29. The dynamic remotely accessible medical record system of claim 17, wherein the multi-level access medical information database further includes a means for providing a patient diary.

30. The dynamic remotely accessible medical record system of claim 17, wherein the multi-level access medical information database means further includes a means for translating medical information into a format that is compatible with the multi-level access medical information database means.

5

31. A method of dynamically remotely accessing a medical record system, comprising:
providing a multi-level access medical information database containing medical information networked with one or more remote terminals, and optionally with one or more input devices, wherein the multi-level access medical information database is
10 updateable by one or more users on a substantially continuous basis,
providing a user authorization protocol for restricting access to approved users,
logging into the multi-level access medical information database,
receiving medical information from the remote terminal, and
optionally inputting medical information from the input device.

10

15

32. The method of dynamically remotely accessing a medical record system of claim 29, wherein the multi-level access medical information database is further networked with a home telemedicine terminal.

20

33. The dynamic remotely accessible medical record system of claim 1, wherein the one or more users includes patients, physicians, nurses and medical staff.